

# MATHEMATICS

## GCE Advanced Level and GCE Advanced Subsidiary Level

Grade thresholds taken for Syllabus 9709 (Mathematics) in the May/June 2011 examination.

	maximum mark available	minimum mark required for grade:		
		A	B	E
Component 11	75	63	56	32
Component 12	75	57	48	24
Component 13	75	64	58	33
Component 21	50	43	39	23
Component 22	50	41	38	20
Component 23	50	41	38	20
Component 31	75	60	54	26
Component 32	75	67	61	31
Component 33	75	60	54	32
Component 41	50	44	40	30
Component 42	50	37	30	18
Component 43	50	39	33	19
Component 51	50	38	33	17
Component 52	50	31	24	8
Component 53	50	38	33	17
Component 61	50	38	32	13
Component 62	50	36	32	13
Component 63	50	33	28	12
Component 71	50	37	33	16
Component 72	50	41	37	21
Component 73	50	42	38	24

The thresholds (minimum marks) for Grades C and D are normally set by dividing the mark range between the B and the E thresholds into three. For example, if the difference between the B and the E threshold is 24 marks, the C threshold is set 8 marks below the B threshold and the D threshold is set another 8 marks down. If dividing the interval by three results in a fraction of a mark, then the threshold is normally rounded down. Grade A\* does not exist at the level of an individual component.

The thresholds for the **syllabus** are determined first by adding together the thresholds for the components taken by the candidate. A reduction may be made at the higher grades depending on the correlation of the papers. If the maximum raw marks for the components are not in the weighting/relationship specified in the syllabus, a weighting is applied to arrive at the overall thresholds. The A\* threshold is calculated using the difference between A and B as a starting point.

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For AS Level components, adjustments may be made to the marks awarded for some versions of the paper in order to neutralise any differences in the difficulty of the different versions and so make sure that all candidates face an equal demand.

The maximum total mark for this syllabus is **250** for A Level and **125** for AS Level.

For this syllabus in this series the grade thresholds were as follows:

Option	Combination of components	A*	A	B	C	D	E
AX	11, 31, 41, 61	216	190	164	136	108	81
AY	12, 32, 42, 62	223	197	171	142	114	86
AZ	13, 33, 43, 63	216	190	164	138	112	87
DX	31, 61 and AS from last June	223	202	181	152	124	96
DY	32, 62 and AS from last June	230	209	188	159	130	101
DZ	33, 63 and AS from last June	223	202	181	154	128	102
EX	31, 41 and AS from last June	221	197	173	145	118	91
EY	32, 42 and AS from last June	228	204	180	152	124	96
EZ	33, 43 and AS from last June	221	197	173	147	122	97
FX	31, 51 and AS from last June	226	204	182	154	127	100
FY	32, 52 and AS from last June	228	204	180	152	124	96
FZ	33, 53 and AS from last June	226	204	182	156	131	106
GX	31, 71 and AS from last June	218	197	176	147	118	89
GY	32, 72 and AS from last June	229	208	187	157	128	99
GZ	33, 73 and AS from last June	223	202	181	155	129	103
HX	31, 61 and AS from last Nov	217	194	171	139	107	76
HY	32, 62 and AS from last Nov	224	201	178	145	113	81
HZ	33, 63 and AS from last Nov	217	194	171	141	111	82
IX	31, 41 and AS from last Nov	216	190	164	136	108	80
IY	32, 42 and AS from last Nov	223	197	171	142	113	85
IZ	33, 43 and AS from last Nov	216	190	164	138	112	86
JX	31, 51 and AS from last Nov	220	196	172	141	110	80
JY	32, 52 and AS from last Nov	222	196	170	138	107	76
JZ	33, 53 and AS from last Nov	220	196	172	143	114	86
KX	31, 71 and AS from last Nov	213	190	167	137	107	78

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Option	Combination of components	<b>A*</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
KY	32, 72 and AS from last Nov	<b>224</b>	<b>201</b>	<b>178</b>	<b>148</b>	<b>118</b>	<b>88</b>
KZ	33, 73 and AS from last Nov	<b>218</b>	<b>195</b>	<b>172</b>	<b>145</b>	<b>118</b>	<b>92</b>
S1	11, 21		<b>100</b>	<b>87</b>	<b>73</b>	<b>60</b>	<b>47</b>
S2	11, 41		<b>94</b>	<b>78</b>	<b>66</b>	<b>54</b>	<b>42</b>
S3	11, 61		<b>93</b>	<b>80</b>	<b>65</b>	<b>51</b>	<b>37</b>
S4	12, 22		<b>98</b>	<b>86</b>	<b>72</b>	<b>58</b>	<b>44</b>
S5	12, 42		<b>94</b>	<b>78</b>	<b>66</b>	<b>54</b>	<b>42</b>
S6	12, 62		<b>93</b>	<b>80</b>	<b>65</b>	<b>51</b>	<b>37</b>
S7	13, 23		<b>98</b>	<b>86</b>	<b>72</b>	<b>58</b>	<b>44</b>
S8	13, 43		<b>94</b>	<b>78</b>	<b>66</b>	<b>54</b>	<b>42</b>
S9	13, 63		<b>93</b>	<b>80</b>	<b>65</b>	<b>51</b>	<b>37</b>

Grade Thresholds are published for all GCE A/AS and IGCSE subjects where a corresponding mark scheme is available.